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AN 78:5086 HCA  
TI Plasticized moldings form polyethylene blend  
IN Erstling, Rolf  
PA Metallgesellschaft A.-G.  
SO Ger. Offen., 10 pp.  
CODEN: GWXXBX  
DT Patent  
LA German  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE---2108293	A	19720831	1971DE-2108293	19710220
PRAI	1971DE-2108293	A	19710220		

AB The optionally foamed and(or) crosslinked title moldings of high dimensional stability, good appearance, soft hand, and variable hardness were prepd. from compns. contg. polyethylene (I) [9002-88-4] 70-80, Cl-contg. polymers, e.g. poly(vinyl chloride) (II) [9002-86-2] 20-30, and plasticizers (optionally polymerizable) or extenders, e.g. dioctyl phthalate (III) [117-81-7] 15-30 parts, optionally blowing agents, e.g. azodicarbonamide (IV) [123-77-3], and crosslinking org. peroxides. Thus, a mixt. contg. I (d. 0.914) 80, II (Fikentcher const. (K) 50) 20, III 20, IV 3.5, ZnO 0.5, and Tribase (basic lead sulfate) 1 part was extruded at 165.deg. to give a plate. Under ir irrads., this plate gave a soft foam (d. 0.1).

IT Plasticizers  
(alkyl sulfonate and phthalate esters, for polyethylene-poly(vinyl chloride) blends, for molded foam articles)

IT Crosslinking agents  
(butyl acrylate, for polyethylene-plasticized polyvinyl chloride blends, for molded film articles)

IT Molding of plastics and rubbers  
(of polyethylene-plasticized poly(vinyl chloride) blends, for foamed articles)

IT 97-88-1  
RL: MOA (Modifier or additive use); USES (Uses)  
(crosslinking agents, for polyethylene-plasticized polyvinyl chloride blends, for molded foamed articles)

IT 9002-88-4  
RL: USES (Uses)  
(plasticized poly(vinyl chloride) blends with, for molded foamed articles)

IT 117-81-7 8064-70-8  
RL: MOA (Modifier or additive use); USES (Uses)  
(plasticizers, for polyethylene-polyvinyl chloride blends, for molded foamed articles)

IT 9002-86-2  
RL: USES (Uses)  
(polyethylene blends with, for molded foamed articles)